| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|---|---------------------|---------|------------------|
| S2 | 46958 | (tape near3 (storage or storing or stor\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2006/02/08 12:06 |
| S5 | 189 | S4 and ((data adj access)near3 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 12:54 |
| S8 | 8 | ("4092679" "5018060" "5757571" " 6031798").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 12:58 |
| S6 | 177 | S4 and ((data adj access)near2 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 12:58 |
| S4 | 1481 | S3 and (data adj access) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:06 |
| \$7 | 2 | S6 and (tape near2 (scaling or scale or scal\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:36 |
| S10 | 21649 | Hill.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:37 |
| S11 | 2 | "4607346".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | OFF | 2006/02/08 13:38 |

| C12 | 2 | "6338110".pn. | LIC DCDUB. | OR | OFF | 2006/02/09 12:20 |
|------|-----|--|---|------|-----|------------------|
| S13 | | 0230110 ·hii: | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OK . | | 2006/02/08 13:39 |
| S12 | 2 | "5345584".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:39 |
| S14 | | "6338110".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:41 |
| \$16 | . 2 | "5345584".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:42 |
| S15 | | "4607346".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:46 |
| S17 | . 2 | "6983343".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:47 |
| S18 | 2 | "6529996".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:49 |
| S20 | 4 | "135228".ap. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:50 |

| S19 | 3 | "972438".ap. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 13:50 |
|------|------|---|---|------|-----|------------------|
| S21 | 1 | "648064".ap. and (storage adj characteristics) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 15:58 |
| S24 | 84 | S23 and performance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:00 |
| S23 | 196 | S22 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:00 |
| \$26 | 3139 | S25 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:21 |
| S25 | 3989 | (scale or scaling or scal\$5) near2 storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:21 |
| S22 | 289 | (scale or scaling or scal\$5) with (tape with storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR · | OFF | 2006/02/08 16:21 |
| S27 | 0 | S26 and (((scale or scaling or scal\$5) near2 storage) with ((pre?defin\$4 or predefin\$4) near2 capacity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:23 |

| S29 | 313 | S26 and (((scale or scaling or scal\$5) near2 storage) with capacity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:24 |
|------|-------|--|---|-----------------|-----|------------------|
| S30 | 57 | S29 and (data adj access) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:56 |
| .S32 | 16296 | S31 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:57 |
| S31 | 20287 | storage near2 instruction\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 16:57 |
| S34 | 7093 | active near2 storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 17:05 |
| S33 | . 180 | S32 and ((storage near2 instruction\$1)with capacity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR _. | OFF | 2006/02/08 17:05 |
| S35 | 5904 | S34 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR · | OFF | 2006/02/08 17:06 |
| S38 | 1 | S37 and ((scaling or scale) near3 capacity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 17:07 |

| S37 | 3245 | S35 and capacity | US-PGPUB; USPAT; | OR | OFF | 2006/02/08 17:07 |
|-----|-------|--|---|----|-----|--------------------|
| | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | 15,75 2 - 2 - 2 |
| S36 | 1 | S35 and ((scale or scaling) near3 capacity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/08 17:07 |
| S39 | 24195 | tape and segment\$6 and (scal\$5 or scaling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 14:20 |
| S41 | 0 | 5757571l.pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | OFF | 2006/02/09 14:23 |
| | | | IBM_TDB | | | . 🖔 |
| S40 | 0 | 5757571l.pn. and (scale or scaling or flexible) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 14:23 |
| S42 | 0 | 575757I.pn. and (scale or scaling or flexible) | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | OFF | 2006/02/09 14:24 |
| į | | | DERWENT; IBM_TDB | | | |
| S44 | 1 | "5757571".pn. and (scaling or flexible or scale) | US-PGPUB; USPAT; USOCR; | OR | OFF | 2006/02/09 14:45 |
| : | - | | EPO; JPO; DERWENT; IBM_TDB | | | :-:33 |
| S46 | 1 | "5757571".pn. and capacity | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | OFF | 2006/02/09 14:47 |
| | | | DERWENT; IBM_TDB | | | |

| S45 | 1 | "5018060".pn. and capacity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 15:37 |
|-----|---|--|---|----|-----|------------------|
| S48 | 2 | "5757571".pn. and (track\$5 or chang\$5 or monitor\$5 or updat\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 16:09 |
| S50 | 4 | "135228".ap. and (within or inside or incorporat\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 16:45 |
| S49 | 1 | "135228".ap. and network | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 16:45 |
| S51 | | "648064".ap. and within | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 16:49 |
| S52 | | "5018060".pn. and (optimal or optimum or performance or access) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 17:25 |
| S47 | 1 | "5018060".pn. and (track\$5 or chang\$5 or monitor\$5 or updat\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 17:25 |
| S43 | | "5757571".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 17:50 |

| S53 | 2 | "20050050055" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/06 15:39 |
|-----|------|--|---|----|-----|------------------|
| S54 | 2 | "20050050055" and (magnetic or scaling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/06 15:41 |
| S56 | 0 | "5018060".ap. and (magnetic or scaling or scaled or scales or tape) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/06 15:56 |
| S55 | 2 | "20050050055" and (magnetic or scaling or tape) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/06 15:56 |
| S58 | 2 | "5757571".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/06 17:18 |
| S57 | 1 | "5018060".pn. and (magnetic or scaling or scaled or scales or tape) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/06 17:18 |
| S61 | 3243 | S60 and ((scale or scaling or scal\$5) near2 storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/03 13:43 |
| S60 | 3243 | S59 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/03 13:43 |

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|-----|------|---|---|------|-----|------------------|
| S59 | 4418 | (scale or scaling or scal\$5) near2 storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2006/11/03 13:43 |
| S28 | 3139 | S26 and ((scale or scaling or scal\$5) near2 storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/03 13:43 |
| S62 | 4 | S61 and (tape\$1 with exclusive\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/03 13:44 |
| S63 | 2 | "20050050055" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:16 |
| S67 | . 0 | "575751".pn. and (compact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:21 |
| S65 | 2 | "5018060".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:21 |
| S69 | 2 | "5757571".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:22 |
| S68 | 5 | "575751".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:22 |

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|-----------|-------|---|---|----|-----|------------------|
| S71 | 0 | "5757571".pn. and interchang\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:23 |
| S72 | 657 | (media with interchang\$3) and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:24 |
| S3 | 35798 | S2 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:24 |
| S64 | 1 | "20050050055" and (compact\$3 or interchang\$3 or specification\$1 or beneficial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:47 |
| S74 | 2 | "20050050055" and (computer with readable) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:51 |
| S76 | . 0 | "20050050055" and ((look-up with table) or pre?defined) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:52 |
| S75 | 0 | "20050050055" and ((look?up with table) or pre?defined) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:52 |
| S77 | 1 | "20050050055" and (table\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 14:53 |

| S80 | 0 | "5018060".pn. and (magnetic) | US-PGPUB; | OR | OFF | 2007/03/26 15:13 |
|------|---|---|---|----|-----|------------------|
| 360 | | 501000 ipin and (magnetic) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| S79 | 0 | "5018060".pn. and (magnetic with stor\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:13 |
| S82 | 1 | "20050050055" and beneficial | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:17 |
| S78 | 1 | "20050050055" and robotic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:17 |
| S84 | 2 | "5757571".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:20 |
| S83 | 0 | "5757571".pn. and beneficial | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:20 |
| S70 | 1 | "5757571".pn. and (compact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:20 |
| \$85 | 1 | "5018060".pn. and scal\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:42 |

| S81 | 1 | "5018060".pn. and (tape with stor\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:42 |
|-----|-------|---|---|----|-----|------------------|
| S86 | 0 | S73 and scaling | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:44 |
| S73 | 82 | ((media with interchang\$3) with (specification\$1 or requirement\$1 or details or characteristics or outlines or rules)) and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:44 |
| S91 | 45 | S90 and (us\$3 with tape\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:45 |
| S89 | 1607 | S88 and (data adj access) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:45 |
| S88 | 37473 | S87 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:45 |
| S87 | 55297 | (tape near3 (storage or storing or stor\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:45 |
| S9 | 76 | S4 and ((tape or storage or media) near3 (scaling or scale or scal\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ÖR | OFF | 2007/03/26 15:45 |

| S90 | 85 | S89 and ((tape or storage or media) near3 (scaling or scale or scal\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:49 |
|----------|----|--|---|----|-----|------------------|
| \$92 | | S90 and (whether with scal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:50 |
| S93 | 12 | S90 and (scal\$3 with tape\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:55 |
| S94 | 54 | ((whether or if) with scal\$3) with tape\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 15:56 |
| S96 | 60 | "5018060".uref. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:00 |
| S95 | 26 | S94 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:00 |
| S98 | 4 | (storage near3 (characteristics or attribute\$1)) and (scaling with tape\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:02 |
| S97 | 3 | S96 and scaling | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:02 |

| Ş99 | | S98 and @ad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2007/03/26 16:03 |
|-----------|----|---|---|------|-----|------------------|
| S10 1 | 1 | "5969893".pn. and (scaling or characteristics or attributes) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:05 |
| S10 0 | 5 | "899042".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:05 |
| S66 | 0 | "5018060".pn. and (compact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:15 |
| S10 2 | 2 | "5018060".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:22 |
| S10 3 | 2 | "5757571".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 16:26 |
| S10 4 | 2 | "20030193994" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 17:03 |
| \$10 5 | 28 | (robotic near3 arm\$1) and (tape near3 drive\$1) and (bar with code with scanner) and (cartridge with gripper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 17:04 |

| S10 | 13 | S105 and @ad<"20030801" | US-PGPUB; | OR | OFF | 2007/03/26 17:10 |
|----------|-----|---|---|----|-------|------------------|
| 6 | | | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | 1.49% |
| S10 8 | . 2 | "20030120379" and tape | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 17:14 |
| S10 7 | 2 | "20030120379" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 17:14 |
| S1 | 6 | "648064".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/13 10:20 |
| S10 9 | 2 | "20050050055" and (conventional or scale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/13 11:06 |
| S11 0 | 1 | "5018060".pn. and scal\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF . | 2007/08/13 11:07 |
| S11 2 | 1 | "5757571".pn. and (scal\$3 or expir\$3 or expiration) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/13 11:09 |
| S11 1 | 1 | "5018060".pn. and (scal\$3 or expir\$3 or expiration) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/13 11:09 |

| S11 | 91 | S113 and @rlad<"20030801" | US-PGPUB; | OR | OFF | 2008/02/07 14:35 |
|-----------|------------|--|---|----|-----|--------------------------|
| 4 | | 3113 dild @ildd \ 25030001 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | 2000,02,07 11.33 |
| S11 3 | 332 | (scale or scaling or scal\$5) with (tape with storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:35 |
| S11 8 | 109 | S117 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:36 |
| S11 7 | 526 | S116 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:36 |
| S11 6 | 61485 | (tape near3 (storage or storing or stor\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:36 |
| S11 5 | 76 | S113 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:36 |
| S12. 3 | 3 | S121 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:37 |
| S12 2 | 13 | S120 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:37 4:33 |

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|-----------|---------------|--|---|------|-----|------------------|
| \$12 1 | 1484 | S119 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:37 |
| S12 0 | 1270 | S119 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:37 |
| S11 9 | 5203 . | (scale or scaling or scal\$5) near2 storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:37 |
| S13 1 | 2972 | S129 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:38 |
| S13 0 | 3878 | S129 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:38 |
| S12 9 | 8850 | active near2 storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2008/02/07 14:38 |
| S12 8 | 56 | S125 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:38 |
| S12 7 | 176 | S124 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:38 |

| S12 6 | 6314 | S124 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:38 |
|----------|-------|--|---|------|-----|------------------|
| S12 5 | 5473 | S124 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:38 |
| S12 4 | 28613 | storage near2 instruction\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2008/02/07 14:38 |
| S13 8 | . 3 | S136 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2008/02/07 14:39 |
| S13 7 | 13 | S135 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:39 |
| S13 6 | 1484 | S134 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:39 |
| S13 5 | 1270 | S134 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:39 |
| S13 4 | 5203 | (scale or scaling or scal\$5) near2 storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:39 |

| S13 | 5 | S131 and 707/100.ccls. | US-PGPUB; | OR | OFF | 2008/02/07 14:39 |
|----------|-------|--|---|------|-----|------------------|
| 3 | | | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | . , |
| S13 2 | 12 | S130 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:39 |
| S14 3 | 22 | S141 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:40 |
| S14 2 | 109 | S140 and 707/100.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:40 |
| S14 1 | 13359 | S139 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:40 |
| S14 0 | 13005 | S139 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2008/02/07 14:40 |
| S13 9 | 61485 | (tape near3 (storage or storing or stor\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2008/02/07 14:40 |
| S14 9 | 0 | S147 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:41 |

| S14 | 1 | S147 and @rlad<"20030801" | US-PGPUB; USPAT; | OR | OFF | 2008/02/07 14:41 |
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| 8 | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | , .v . |
| S14 7 | 4 | (storage near3 (characteristics or attribute\$1)) and (scaling with tape\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2008/02/07 14:41 |
| S14 6 | 12 | S144 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2008/02/07 14:41 |
| \$14 5 | 7 | S144 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:41 |
| S14 4 | 56 | ((whether or if) with scal\$3) with tape\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:41 |
| S15 2 | 0 | S150 and @prad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:42 |
| S15 1 | 0 | S150 and @rlad<"20030801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/07 14:42 |
| S15 0 | 31 | (robotic near3 arm\$1) and (tape near3 drive\$1) and (bar with code with scanner) and (cartridge with gripper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR. | OFF | 2008/02/07 14:42 |

| L1 | 2 | "5018060".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | OFF | 2008/02/08 12:13 |
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| | | | DERWENT; IBM_TDB | | - | |

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